

**Aeronautical Systems Center  
Air Force Plant 44  
Tucson, Arizona**



## **Administrative Record Index Part 3 of 4**

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**U.S. Department of the Air Force  
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3008	3.06	Transmittal of Comprehensive Groundwater Monitoring Evaluation for Hughes Aircraft Company, Tucson Facility (EPA ID No. AZD009005422)	Arizona Department of Environmental Quality (G. Clement)	73	12/7/1988
3011	3.06	Review of Remedial Investigation Work Plan and Associated Installation Restoration Program Documentation (with attachments)	U.S. Environmental Protection Agency, Region IX 9J. Zeikson)	8	4/24/1991
3012	3.06	Comments on Remedial Investigation Documentation	U.S. Environmental Protection Agency, Region IX 9J. Zeikson)	4	8/12/1991
3013	3.06	Status of Corrective Action Items at the "Ranch Area" and Transmittal of the "Results of Soils Investigation, T.155, R.14E, Section 29"; U.S. Air Force Plant 44	Hughes Aircraft Co. (R.A. Padilla)	46	1/20/1989
3014	3.06	Transmit Groundwater Task Force Investigation Report, Evaluation of Analytical Results; and Summary of Analytical Results (EPA and Independent Laboratories)	Hughes Aircraft Company (R.A. Padilla)	81	2/28/1989
3016	3.04	Installation Restoration Program, RCRA Facility Investigation for Air Force Plant 44, Tucson, Arizona, Draft Work Plan	The Earth Technology Corporation	172	2/28/1989
3017	3.05	Installation Restoration Program Stage 1, Remedial Investigation Report, Volume I, Appendices A-C, for Air Force Plant 44 Tucson, Arizona	The Earth Technology Corporation	751	7/31/1992
3017	3.05	Installation Restoration Program Stage 1, Remedial Investigation Report, Volume II, Appendix D, for Air Force Plant 44 Tucson, Arizona	The Earth Technology Corporation	860	7/31/1992
3017	3.05	Installation Restoration Program Stage 1, Remedial Investigation Report, Volume III, Appendices E-L, for Air Force Plant 44 Tucson, Arizona	The Earth Technology Corporation	671	7/31/1992
3017	3.05	Installation Restoration Program Stage 1, Remedial Investigation Report, Volume IV, Appendices M-S, for Air Force Plant 44 Tucson, Arizona	The Earth Technology Corporation	255	7/31/1992
3017	3.05	Installation Restoration Program Stage 1, Remedial Investigation Report, Attachment for AFP 44, Tucson AZ	The Earth Technology Corporation	153	7/31/1994
3018	3.05	Installation Restoration Program Stage 1, Final Risk Assessment Report For Air Force Plant 44 Tucson, Arizona; Volume I	The Earth Technology Corporation	334	8/31/1993
3018	3.05	Installation Restoration Program Stage 1, Final Risk Assessment Report For Air Force Plant 44 Tucson, Arizona; Volume II, Appendices 1-15	The Earth Technology Corporation	388	8/31/1993
3020	3.05	Results of the Tucson Airport Area Remedial Investigation Phase I; Volume I - Summary Report, Appendices	Kenneth D. Schmidt, Groundwater Quality Consultant, Phoenix, Arizona	348	11/30/1985
3021	3.05	Results of the Tucson Airport Area Remedial Investigation Phase I; Volume I - Summary Report	Kenneth D. Schmidt, Groundwater Quality Consultant, Phoenix, Arizona	150	9/5/1985
3022	3.04	Installation Restoration Program (IRP) Treatability Study Workplan (Soil Vapor Extraction/Resin Adsorption) Final; Air Force Plant 44, Tucson, Arizona	Earth Tech	78	4/30/1995
3023	3.06	Response to Comments Submitted on the Draft Work Plan Advanced Characterization Study to Improve the Efficiency of Pump and Treat Operations at Air Force Plant 44; An Integrated Field, Laboratory, and Modeling Approach	Mark Brusseau, PI; Soil and Water Science Department and Hydrology and Water Resources Department, University of Arizona	19	11/15/1994

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3024	3.04	Advanced Characterization Study to Improve the Efficiency of Pump and Treat Operations at Air Force Plant 44: An Integrated Field, Laboratory, and Modeling Approach	Mark Brusseau, PI; Soil and Water Science Department and Hydrology and Water Resources Department, University of Arizona	48	11/15/1994
3025	3.04	Installation Restoration Program, stage I, Investigation of Geophysical Anomalies Work Plan; Air Force Plant 44, Tucson, Arizona	Earth Tech	33	21/31/94
3026	3.04	Work Plan for the Activation and Operation of the Dual Phase Extraction System at Air Force Plant 44, Tucson, Arizona	Environmental and Resoruce Conservation Program, Hughes Missile Systems Company Tucson, Arizona	121	8/5/1994
3027	3.04	Installation Restoration Program (IRP) State I Treatability Study Test Plans; Air Force Plant 44, Tucson, Arizona	The Earth Technology Corporation	97	10/31/1992
3028	3.05	Site 2 and Site 3 Purus Demonstration Letter Report; Air Force Plant 44, Tucson, Arizona	Earth Tech	69	9/30/1995
3030	3.05	Installation /Restoration Prog:ram, Geophysical Survey Report, Site 3; Air Force Plant 44, Tucson, Arizona	Earth Tech	13	2/28/1995
3031	3.01	Installation Restoration Program Stage I, Sampling and Analysis Plan; Air Force Plant 44, Tucson, Arizona	The Earth Technology Corporation	130	10/31/1992
3032	3.05	Final Draft Results of the Tucson Airport Area Remedial Investigation Phase I, Volume II Contaminat Transport Modeling Appendices	Peter A. Mock, Bruce C. Travers, Camilla K. Williams, Hydrology Division, Arizona Department of Water Resources	403	11/30/1985
3033	3.05	Results of the Tucson Airport Area Remedial Investigation Phase I, Volume III; An Evaluation of the Potential Sources of Groundwater Contamiantion Near the Tucson International Airport Tucson, Arizona	Ofc of Emergency Response and Environmental Analysis, Div of Env Health Services, Phoenix, Arizone	277	11/30/1985
3034	3.05	Installation Restoration Program (IRP) Investiation of Geophysical Anomalies Report, Final, Air Force Plant 4, Tucson, Arizona	Earth Tech	737	1/31/1996
3035	3.05	Installation Restoration Program, Geophysical Survey Report, Site 2; Air Force Plant 44, Tucson Arizona	Earth Tch	9	2/28/1995
3036	3.05	Historic Waste Management Sites, Potential Effects of Soil Contaminants on Ground Water; Air Force Plant 44, Tucson, Arizona	Tischler/Kocurek, Round Rock, Texas	69	7/31/1994
3037	3.05	Installation Restoration Program (IRP) Stage 1, Remedial Investigation Report Attachment 2 for Air Force Plant 44, Tucson Arizona	Earth Tech, Inc.	266	12/31/1996
3038	3.05	Interim Progress Report III: Part I. Summary; Advanced Characterization Study to Improve the Efficiency of Pump and Treat Operations at Air Force Plant 44; An Integrated Field, Laboratory, and Modeling Study, March, 1997	Mark L. Brusseau (Principal Investigator), University of Arizona, Hughes Missile Systems, U.S. AirForce Cooperative Research Project	9	3/31/1997
3039	3.05	Interim Progress Report III: Part II. Technical Document Advanced Characterization Study to Improve the Efficiency of Pump and Treat Operations at Air Force Plant 44; An Integrated Field, Laboratory, and Modeling Study, March, 1997	Mark L. Brusseau (Principal Investigator), University of Arizona, Hughes Missile Arizona, Hughes Missile Systems, U.S. AirForce Cooperative Research Project	142	3/31/1997

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3040	3.05	Interim Progress Report II: Part I. Summary; Advanced Characterization Study to Improve the Efficiency of Pump and Treat Operations at Air Force Plant 44; An Integrated Field, Laboratory, and Modeling Study, February, 1996	Mark L. Brusseau (Principal Investigator), University of Arizona, Hughes Missile Systems, U.S. AirForce Cooperative Research Project	12	2/29/1996
3041	3.05	Interim Progress Report II: Part II. Technical Document Advanced Characterization Study to Improve the Efficiency of Pump and Treat Operations at Air Force Plant 44; An Integrated Field, Laboratory, and Modeling Study, February, 1996	Mark L. Brusseau (Principal Investigator), University of Arizona, Hughes Missile Systems, U.S. AirForce Cooperative Research Project	130	2/29/1996
3042	3.05	Interim Progress Report: Part I. Summary; Advanced Characterization Study to Improve the Efficiency of Pump and Treat Operations at Air Force Plant 44; An Integrated Field, Laboratory, and Modeling Study, August 18, 1995	Mark L. Brusseau (Principal Investigator), University of Arizona, Hughes Missile Systems, U.S. AirForce Cooperative Research Project	14	8/18/1995
3043	3.05	Interim Progress Report: Part II. Technical Document Advanced Characterization Study to Improve the Efficiency of Pump and Treat Operations at Air Force Plant 44; An Integrated Field, Laboratory, and Modeling Study, August 18, 1995	Mark L. Brusseau (Principal Investigator), University of Arizona, Hughes Missile Systems, U.S. AirForce Cooperative Research Project	142	8/18/1995
3044	3.05	Interim Progress Report: Part III. Appendices; Advanced Characterization Study to Improve the Efficiency of Pump and Treat Operations at Air Force Plant 44; An Integrated Field, Laboratory, and Modeling Study, August 18, 1995	Mark L. Brusseau (Principal Investigator), University of Arizona, Hughes Missile Systems, U.S. AirForce Cooperative Research Project	97	8/18/1997
3045	3.01	Shallow Soil Gas Sampling and Analysis Plan, Installation Restoration Program Site 5, Former Sludge Drying Beds, U.S. Air Force Plant 44, Hughes Missile Systems Co., Tucson, AZ	Hargis & Associates, Inc.	48	5/19/1997
3046	3.05	Endangered Species Clearance Study for Air Force Plant 44, Tucson, Arizona	The Earth Technology	11	11/30/1992
3047	3.05	Results of Shallow Soil Gas Survey Installation Restoration Program Site 5, Former Sludge Drying Beds, U.S. Air Force Plant 44, Hughes Missile Systems Co., Tucson, AZ	Hargis & Associates, Inc.	90	11/22/1997
3048	3.05	Interim Progress Report: Part IV: Part I Summary Advanced Characterization Study to Improve the Efficiency of Pump and Treat Operations at Air Force Plant 44; An Integrated Field, Laboratory, and Modeling Study	Mark L. Brusseau (Principal Investigator), Department of Soil, Water and Environmental Science and Hydrology and Water Sources, University of Arizona	7	2/28/1998
3049	3.05	Interim Progress Report: Part IV: Part II Summary Advanced Characterization Study to Improve the Efficiency of Pump and Treat Operations at Air Force Plant 44; An Integrated Field, Laboratory, and Modeling Study	Mark L. Brusseau (Principal Investigator), Department of Soil, Water and Environmental Science and Hydrology and Water Sources, University of Arizona	103	2/28/1998
3050	3.04	Supplemental Work Plan for Investigation of Activities West of IRP Site 5 Draft	Earth Tech	22	1/31/1998
3051	3.04	Work Plan for the Perched Zone Remediation Treatability/Feasibility Study at USAF PLANT 44	Hughes Aircraft Co. Environmental & Resource Conservation Group	25	10/26/1992
3052	3.05	Results of Pilot Testing for Advanced Groundwater Remediation Technology Incorporating Vertical Circulation Wells and a Solubility Enhancing Reagent US AFP 44	Errol L. Montgomery & Associates	172	1/15/1999

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3053	3.05	Final In-Situ Oxidation Pilot Test Work Plan IRP Sites 2 and 3, AFP 44, Tucson, AZ	IT Corporation, Univ of AZ, Errol L. Montgomery & Assoc.	134	8/8/2000
3054	3.04	Final Report, Installation of Upper Zone Groundwater Monitor Wells IRP Sites 3 and 5, USAFP 44, Pima County, Arizona	Errol L. Montgomery & Associates		9/14/2004
3055	3.03	Work Plan - Extended Pilot Test of In Situ Chemical Oxidation using Potassium Permanganate IRP Site 3	Errol L. Montgomery & Associates		9/15/2004
3056	3.06	Letter, Response to ADEQ and EPA Comments on the Draft Work Plan for the Activation and Operation of the Dual Phase Extraction System at USAF Plant 44, Tucson, Arizona; dated 29 April 1994 and Documentation of Nonsignificant Change to the Nov 20, 1985, Record of Decision; US AFP 44, Tucson AZ dated 29-Apr-94	Air Force ASC/EM	22	8/11/1994
3057	3.06	Letter, Nonsignificant Remedy Enhancement at AFP 44	Air Force, ASC/EM	10	5/12/1994
3058	3.05	HiPOx™ Technology Field Evaluation: Raytheon Systems Company Plant 44	Applied Process Technology, Inc.	18	1/1/2005
4001	4.02	Conceptual Study for Treatment of Reclaimed Water At USAF Plant No. 44 Phase I and Phase II Results	Malcolm Pirnie	141	9/30/1983
4002	4.02	Installation Restoration Program (IRP) Stage I Final Feasibility Study Report, Volume I; Air Force Plant 44, Tucson, Arizona	Earth Tech	0	1/30/1995
4003	4.02	Installation Restoration Program (IRP) Stage I Final Feasibility Study Report, Volume II; Air Force Plant 44, Tucson, Arizona	Earth Tech	963	1/30/1995
4004	4.02	Installation Restoration Program (IRP) Stage I Final Feasibility Study Report, Volume III; Air Force Plant 44, Tucson, Arizona	Earth Tech	1086	1/30/1995